WHAT IS CLAIMED IS:

1.   A method of implementing a wireless network having a plurality of devices in which one of the devices coordinates wireless communications between the devices, the method comprising:

    (a)   evaluating device parameters of one or more of the plurality of devices, the device parameters including at least an available power source capacity for a device; and

    (b)   determining a coordinator from the plurality of devices based on at least the available power source capacity for the one or more of the plurality of devices, the coordinator adapted to coordinate wireless communications between the devices in the wireless network.

2.   The method according to claim 1, wherein the coordinator is a piconet coordinator (PNC).

3.   The method according to claim 1, further comprising performing Ultra Wideband (UWB) communications between the devices.

4.   The method according to claim 1, further comprising performing Bluetooth communications between the devices.

5.   The method of according to claim 1, further comprising performing IEEE 802.15.3 communications between the devices.

6.   The method according to claim 1, further comprising initiating (a) and (b) based on a triggering event.

7.   The method according to claim 6, wherein the triggering event occurs when an available power source capacity of a current coordinator is less than a predetermined threshold.

8.   The method according to claim 6, wherein the triggering event occurs when a current coordinator prepares for departure from the wireless network.

9.   The method according to claim 6, wherein the triggering event is a new device joining the wireless network.

10.   The method according to claim 1, further comprising directing the determined coordinator to coordinate wireless communications between the devices in the wireless network.

11.   The method according to claim 1, wherein steps (a) and (b) are implemented during formation of the wireless network.

12.   The method according to claim 1, wherein steps (a) and (b) are implemented after formation of the wireless network.

13.   The method of claim 1, further comprising storing a plurality of priorities, wherein each priority has one or more corresponding device parameters.

14.   The method of claim 13 wherein step (a) comprises for each of the one or more devices, assigning one of the priorities, wherein the assigned priority and the corresponding device have matching device parameters.

15.   The method of claim 14, wherein step (b) comprises selecting as the coordinator, a device from the one or more devices having the highest assigned priority.

16.   A wireless communications device comprising:
       a wireless communications portion for communicating with a plurality of remote devices in a wireless network;
       a processor;
       a memory; and

a processor that executes instructions stored in the memory for:

coordinating wireless communications between the devices,

evaluating device parameters of at least one of the plurality of devices, the device parameters including at least an available power source capacity, and

determining a coordinator from the plurality of devices based on at least the available power source capacity for the at least one of the plurality of devices, the coordinator adapted to coordinate wireless communications between the devices in the wireless network.

17.   A system for implementing a wireless network having a plurality of devices in which one of the devices coordinates wireless communications between the devices, the system comprising:

means for evaluating device parameters of at least one of the plurality of devices, the device parameters including at least an available power source capacity for a device; and

means for determining a coordinator from the plurality of devices based on at least the available power source capacity for the at least one of the plurality of devices, the coordinator adapted to coordinate wireless communications between the devices in the wireless network.

18.   A computer program product comprising a computer useable medium having computer program logic recorded thereon for implementing a wireless network having a plurality of devices in which one of the devices coordinates wireless communications between the devices, the computer program logic comprising:

evaluating device parameters of at least one of the plurality of devices, the device parameters including at least an available power source capacity for a device; and

determining a coordinator from the plurality of devices based on at least the available power for the at least one of the plurality of devices, the coordinator adapted to coordinate wireless communications between the devices in the wireless network.

19.   A method of implementing a wireless network having a plurality of devices in which one of the devices coordinates wireless communications between the devices, the method comprising:

(a)   evaluating device parameters of one or more of the plurality of devices, the device parameters including at least available power source characteristics for a device; and

(b)   determining a coordinator from the plurality of devices based on at least the available power source characteristics for the one or more of the plurality of devices, the coordinator adapted to coordinate wireless communications between the devices in the wireless network.